

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing  
A.B.N. 43 006 014 106  
1st Floor, 191 Racecourse Road, Flemington, Victoria 3031  
P.O. Box 240, North Melbourne, Victoria 3051  
Phone (03) 9371 2400 Fax (03) 9371 2499

## TEST REPORT

CLIENT : Renhurst Ceiling Pty Ltd  
48 Westgate Drive  
Altona North Vic 3025

TEST NUMBER : 7-591310-CV  
ISSUE DATE : 03/06/2013  
PRINT DATE : 12/06/2013

SAMPLE DESCRIPTION Clients Ref: "Renhurst Rippletone Perforated Aluminium Ceiling Panel with Megasorber Soundmesh G8 Acoustic backing"  
Nominal composition: Perforated aluminium panel with acoustic fabric

ISO 5660.1-2002 Reaction to Fire Tests - Heat Release Smoke Production and Mass Loss Rate  
Part 1: Heat Release Rate (Cone Calorimeter Method)

### RESULTS:-

	Specimen			Mean
	1	2	3	
Average Heat Release Rate at 50kW/m2	FTI	FTI	FTI	kW/m2
Group Number Classification (In Accordance with New Zealand Building Code Verification Method C/VM2 Appendix A)	1	1	1	
Average Specific Extinction Area (According to ISO 5660.2-2002)	5.8	14.9	8.4	9.7

Test orientation: Horizontal

	Specimen			Mean	
	1	2	3		
Irradiance	50	50	50	50	kW/m2
Exhaust flow rate	24	24	24	24	l/s
Time to sustained flaming	FTI	FTI	FTI	180	s
Test duration	1800	1800	1800	1800	s

Heat release rate curve on the 9 attached sheets which form part of this report

Peak heat release after ignition	6.6	6.6	6.6	6.6	kW/m2
Average heat at 60s	105.7	106.5	106.0	106.1	kW/m2
Release rate at 180s	84.8	84.7	84.8	84.8	kW/m2
After ignition at 300s	19.8	20.5	20.0	20.1	kW/m2
Total heat released	20.9	21.8	21.2	21.3	MJ/m2
Average effective heat of combustion	1.3	1.4	1.3	1.3	MJ/kg

200315

1

CONTINUED NEXT PAGE

PAGE 1



*[Signature]*  
APPROVED SIGNATORY

*[Signature]*  
MICHAEL A. JACKSON B.Sc.(Hons)  
MANAGING DIRECTOR



# AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing  
A.B.N. 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031  
P.O. Box 240, North Melbourne, Victoria 3051  
Phone (03) 9371 2400 Fax (03) 9371 2499

## TEST REPORT

CLIENT : Renhurst Ceiling Pty Ltd  
48 Westgate Drive  
Altona North Vic 3025

TEST NUMBER : 7-591310-CV  
ISSUE DATE : 03/06/2013  
PRINT DATE : 12/06/2013

FTI = Failed to Ignite

Observations: Specimens tested failed to ignite within 30 minutes

Samples were loose laid onto a substrate of 6mm thick  
cement sheeting prior to testing

The sample has a heat release rate of less than 50kW/m2.  
In accordance with New Zealand Building Code Verification  
Method C/VM2 Appendix A this product shall be classified  
as Group 1

Observations:

"These test results relate only to the behaviour of the product under the  
conditions of the test, they are not intended to be the sole criterion for  
the assessment of performance under real fire conditions"

200315

1

( END OF REPORT )

PAGE 2

© Australian Wool Testing Authority Ltd  
Copyright - All Rights Reserved

Samples, and their identifying descriptions have been provided by the client unless otherwise stated.  
AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test  
results relate only to the sample or samples tested. The above test results are designed to provide THE  
CLIENT WITH GUIDANCE INFORMATION ONLY.

This document shall not be reproduced except in full and shall be rendered void if amended or altered.

This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the  
content and format of the advertisement have been approved in advance by the Managing Director of  
AWTA Ltd.



  
APPROVED SIGNATORY

MICHAEL A. JACKSON B.Sc.(Hons)  
MANAGING DIRECTOR